

**BEGIN.**

REEL #170

FROM: GRITSYUTE, L.A.

GRITSYUTE, L.A.

Effect of ionizing radiations on urethane-induced adenoma of  
the lungs in mice. Vop.onk. 7 no.3:64-68 '61. (MIRA 14:5)  
(LUNGS—TUMORS) (URETHANE)  
(RADIATION—PHYSIOLOGICAL EFFECT)

GRITSYUTA, S. D.

"Investigation in the Field of the Luminescence of  
Organic and Inorganic Substances."

Thesis for degree of Dr. Chemical Sci. Sub. 29 Jun 49, Moscow Order of  
Lenin State U imeni M. V. Lomonosov.

Summary 82, 18 Dec 52, Dissertations Presented For  
Degrees in Science and Engineering in Moscow in 1949.  
From Vechernyaya Moskva, Jan-Dec 1949.

(-RITSYUTA, S.)  
-A

/

Use of organic substances for the determination of small quantities of nitrates. S. D. Gerasimov, *Zh. Anal. Khim.* 5, 281-2 (1950). Small quantities of nitrates in natural waters or soil extracts were successfully detected with hydroxyquinone. The preferred pH of the medium is 3. The interference of Fe, Cu, Mg, Sn<sup>2+</sup>, and Pb<sup>2+</sup> was neutralized by adding tartaric acid 5, malonic acid 5, and citric acid 4 ml. The color was stable for 1 hr. The content can be detected either from calibration curves or comparison standards. The minimum detectable quantity was 0.01 mg/l. M. Hosh

GRITSYUTA, S. D.

1934. The determination of cobalt in alloys.  
S. D. Gritsyuta. *Sb. Trudy Odesk. Gidrotekhn.  
Inst.*, 1953, (4), 171-173; *Ref. Zhur., Khim.*, 1950,  
Abstr. No. 32,777. — Dissolve the chromium - cobalt  
ore (0.5 g) in 30 ml of  $\text{HNO}_3$  (1:1), boil, then make  
up to 200 ml in a calibrated flask. To 5 ml of the  
soln. add 2 N tartaric and malonic acids (1 ml of  
each), saturated Na acetate soln. (1 ml) and N  
alkali (1 to 2 ml), and heat for 1 to 2 min. Then  
add 1 ml of a soln. of nitroso-R salt (0.2 mg in 100  
ml of water), mix well, and after 3 to 5 min. compare  
the colour with a series of standards containing the  
same amount of nitroso-R salt as the soln. being  
analysed. The accuracy of the method is 0.1 to  
0.5%. The time for a determination is 10 to 15 min.  
C. D. KOPKIN

RM

1-4E20  
L  
chem  
ygs

GRITSYUTE, A.P. [Griciute, A.P.]

Principal features of the climate of the most important resorts in  
Lithuania. Vop.kur. fizioter. i lech. fiz. kul't. 23 no.6:540-543  
M-D '58 (MIRA 11:12)

1. Iz Instituta geologii i geografii AN Litovskoy SSR.  
(LITHUANIA--CLIMATE)

CERTSVITE, A. P.: Master Geogr Sci (diss) -- "The climate of the areas of the  
Lithuanian SSR". Vil'nyus, 1968. 18 pp (Min Higher Educ USSR, Vil'nyus State  
U in V. Kapsukas), 150 copies (KL, No 5, 1969, 145)



GRITSYUTE, A. P.

3(7), 3(5)  
AUTHOR:  
TITLE:  
PERIODICAL:  
ABSTRACT:  
Card 1/4  
Anapol'skiya, L. Ye., Gaudin, L. S.  
Conference on Applied Climatology (Sovetskaya po prilad-  
noy klimatologii)  
Meteorologiya i gidrologiya, 1959, Nr 2, pp 59 - 70 (USSR)  
Between October 27 and 31, 1958 a Conference on Applied  
Climatology was held at the Glavnyy geofizicheskiy obser-  
vatoriya in A. I. Voznyakova (Main Geophysical Observa-  
tory of A. I. Voznyakova). The conference convened upon re-  
quest of the Glavnyy upravleniye gidrometeorologicheskoy  
sluzhby (Main Administration of the Hydrometeorological Ser-  
vice). 9 institutes participated, among them 8 scientific  
research institutes of the Hydrometeorological Service, 20  
units of various organizations, and 14 scientific research  
institutes of various authorities. In all, participation  
amounted to 234 persons. 22 papers were read. V. P. Pavlov  
spoke on the experience of the GGO in the field of applied  
climatology. O. A. Brodovoy spoke on the use of the calculation  
technique, E. K. Klyukin on the use of the calculation  
field of applied climatology of the Northeast of the USSR,  
Ye. S. Rubinshteyn spoke on the method developed by him  
for the determination of temperatures for the purpose of  
calculating the five cold days on the basis of the data  
of the monthly average temperature of the last month  
of the year. G. E. Ushakov spoke in his paper some  
principles by means of which the climate of the USSR should  
be determined (for the planning of living quarters).  
V. I. Il'inskiy gave a survey of the requirements made of  
climatic data in regard of the projecting of protective  
structures. L. Ye. Anapol'skiya and L. S. Gaudin reported  
on the method of statistical extrapolation developed by them  
for the determination of the frequency of high wind velocities.  
E. P. Barabiyev proposed a method for the determination of  
the gust coefficient based on the spectrum theory of turbulent  
pulsations. V. A. Otatarov gave a survey of the require-  
ments made of climatic data in calculating wind and sun  
loads on buildings. G. I. Chirvadze reported on the ex-  
perience made in the consideration of climate of health  
resorts in the Caucasus in planning and construction.  
A. A. Chukhvatov proposed a method for the analysis of the  
climate of health resorts based on a characteristic  
of the "average" with resorts from the point of view of  
therapeutic. E. K. Klyukin reported on the influence of  
meteorological conditions on the climate of health resorts.  
V. P. Pavlov spoke of modernizing and streamlining living  
conditions (housing, clothing). V. Ya. Milovaty proposed  
a map of actual temperatures for the European part of the  
USSR. B. L. Izmishchikov spoke on the "Consideration of  
Some Characteristics of the Radiation Climate Which In-  
fluence the Operation of Solar Power Plants". B. P. Pavlov  
spoke on "The Wind Energy Reserves in the Russian  
mountainous steppe". V. S. Sanyalov submitted a handbook  
climatic characteristics for sea altitudes in the Russian  
A. I. Serbin reported on the use of climatic data for the  
direct estimation of the wind and conditions on sea  
and ocean. E. I. Ivanyev gave a survey of the tasks of  
and requirements made of applied climatology for the  
security of sea navigation.

Card 2/4

Card 3/4

GRISHIN, I. A.

GRISHIN, I. A. -- "The Inhibitor of the Enzymatic Effect of Iodine  
(Experimental Lung Tumors)." Acad Med Sci USSR. Joint Council of  
the Group of Leningrad Institutes. Leningrad, 1955. (Dissertation  
for the Degree of Candidate in Medical Sciences)

SO: Knishnaya Letopis', No 1, 1956

USSR/General Problems of Pathology. Neoplasms.

Abs Jour: Ref Zhur-Biol., No 3, 1958, 37162.

Author : Gritsyute, L.A.

Inst :

Title : On the Mechanism of the Blastogenic Action of Urethane.

Orig Pub: Vopr. onkologii, 1956, 2, No 6, 671-678

Abstract: Mice, A and CC<sub>57</sub> 1½-3 months old, were injected intraperitoneally and subcutaneously with 10% sol. of urethane (I) at intervals of 2-3 (first series) and 8-10 days (second series). Within 3½-4 months pulmonary adenomas were observed: with 5 mg doses of I - in 1 mouse out of 4, with larger doses - in all the mice. The average number of neoplastic nodules per mouse with 10 mg of I was 4.6, with 30 mg - 10.4, with 70 mg -

Card : 1/2

USSR/General Problems of Pathology. Neoplasms.

U

Abs Jour: Ref Zhur-Biol., No 8, 1958, 37162

23.5 Not only the dose of I was significant but also the interval between the injections: with 20 mg in the first series, the average number of adenomas in one mouse was 6-8, in the second series - 23.5, with 10 mg - 1.3 and 0.3 correspondingly. Stimulation of the CNS with caffeine and phenamine was without any effect.

Card : 2/2

GRITSYUTE, L.A. (Leningrad)

Morphology and histogenesis of lung adenomas appearing in mice after the introduction of urethane [with summary in English, p.88]. Arkh.pat. 19 no.4:22-31 '57. (MIRA 10:6)

1. Iz laboratorii eksperimental'noy onkologii (zav. - chlen-korrespondent Akademii meditsinskikh nauk SSSR prof. L.M.Shabad) Instituta onkologii (dir. - chlen-korrespondent Akademii meditsinskikh nauk SSSR prof. A.I.Serebrov) Akademii meditsinskikh nauk SSSR.

(URETHANE, off.

induction of lung adenomas, histogenesis & morphol. in mice (Rus))

(NEOPLASMS, exper.

urethane-induced lung adenomas, histogenesis & morphol. in mice (Rus))

GRITSYUTE, L.A. (Vil'nyus)

Mechanism of the blastomogenic action of urethane on pulmonary tissue. Pat.fiziol.i eksp.terap. 6 no.2:69-70 Mr-Apr '62.

(MIRA 15:8)

1. Iz patomorfologicheskogo otdela Instituta onkologii (dir. A.I. Telichenas, konsul'tant - chlen-korrespondent AMN SSSR prof. L.M.Shabad) Litovskoy SSR.

(URETHANES--TOXICOLOGY) (LUNGS--TUMORS)

GRITSENKO, I. I.

An attempt to use direct irradiation in adenomas of the lungs  
in mice. Vop. onk. (Moscow), 1963, 6, 16. (MIRA 18:6)

1. In perimorfologicheskogo centra Onkologicheskogo nauchno-  
issledovatel'skogo instituta Ministerstva zdoravookhraneniya  
Leningradskoy SSR (avtor: kand. med. nauk B.I. Lukhtanov; konsuli-  
tant: raboty dozentov, kandydatov med. nauk prof. I.M. Shabad.  
Adress avtorov: V.L. Lyova, ulitsa Pribludnaya, institut onkologii.

GRITSYUTE, L.A.; MIRONOVA, A.I.

Carcinogenic properties of tobacco tars; results of animal experiments.  
Vop. onk. 6 no. 8:25-33 Ag '60. (MIRA 14:1)

(TOBACCO—PHYSIOLOGICAL EFFECT)

(TAR—PHYSIOLOGICAL EFFECT)

(CARCINOGENS)



GRITZ, Yu.A., KHULMIDZE, D.E., SELINOV, I.P., KOPITANOV, V.P.

(Acad. Sci. USSR)

"Search of New Reactions Induced by Fast Neutrons."

paper submitted at the A-U Conf. on Nuclear Reactions in Medium and Low Energy Physics, Moscow, 19-27 Nov. 57.

BRUDA, P.; BERARIU, T.; GOSHA, K.; GHIUN, I.

On the problem of the biochemical etiopathogenesis of calculi of the  
urinary bladder. Rev. sci. med. 7 no.1/2:23-27 '62.  
(URINARY CALCULI)

GRIV, I.M.

5732. Griv, I.M. Kak MZ Vrachevskaya on Topylo I Pukharen Vychisl. Ya Soshchivost' Ptitsy. (Sovhoz (Garmanovo) Grigoriopol. Rayona). Kishinay, Partia, 1. 4. 1954. 14sn. (K-Vo Sel'skogo Khozyaystva Moldav. SSR. K Resp. Sovetskoyu Peredovik Zhivotnovodstva Moldavii. Delo 1954 g.) 2000 elz. Dopol.-M Pravda. Kishinay. -M Moldav. Ya z. - (54-57116) (36.5.083.37st (17.75)

SO: Knizhnaya, Letopis, Vol. 1, 1955

KOROPAL'TSEV, Nikolay Vasil'yevich; KARPOVICH, Yuriy Vladimirovich;  
TRABER, D.G., kand.tekhn.nauk, red.; ORIVA, Z.I., red.;  
ERLIKH, Ye.Ya., tekhn.red.

[Manufacture of rubber goods by extrusion] Proizvodstvo  
resinovykh izdelii metodom lit'ia pod davleniem. Pod red.  
D.G.Trabera. Leningrad, Gos.nauchno-tekhn.izd-vo khim.lit-ry.  
1959. 162 p. (MIRA 12:10)  
(Rubber industry--Equipment and supplies)

*G R I V A V. A.*

L 12487-63  
IJP(G)

EWI(d)/BDS AFFTC/APQC/ASD Pg-4/Pk-4/Pl-4/Po-4/Pq-4 BC/  
S/102/63/000/002/002/007

73

AUTHOR: Hryva, V. A.

TITLE: Stability to interference of self-oscillating and step systems with extremal control

PERIODICAL: Avtomatyka, no. 2, 1963, 13-19

TEXT: The article considers the forms of transition processes in extremal systems when the load changes in abrupt steps. Two models of extremal control were investigated both experimentally and theoretically: a step type controller and indicator of the extremum and the controlling action. A model consisting of inertia-linear and noninertia nonlinear parts was used as the object of extremal control. The nonlinear part assured obtaining of extremal characteristics with straight-line slopes. The results of these investigations showed that both extremal systems have a qualitatively similar transition process and that the following three cases are characteristic of the transition processes: 1. transition process accomplished without free motion component; 2. the free motion component causes absence of periodic reversal; 3. the free motion component causes false reversal. Thus, the systems which were considered may be invariant under certain conditions. The article contains 8 figures and a 5 item bibliography.

Card 1/2/

GRIVA, Zanis; VANADZINS, Z.; BRIVERE, A., red.

[Land and sea] Zeme un jura. Riga, Latvijas valsts izdev-  
nieciba, 1964. 1 v. [In Latvian and Russian]  
(MIRA 18:6)

ALEKSEYEVSKIY, Ye.V.; GOL'TS, R.K.; MUSAKIN, A.P., dotsent; GRIVA, Z.I.,  
redaktor; ERLIKH, Ye.Ya., tekhnicheskiy reaktor.

[Quantitative analysis] Kolichestvennyi analiz. Izd. 4-e.  
perer. i dop. dots. A.P. Musakinyu. Leningrad, Gos. nauchno-  
tekh. izd-vo khimicheskoi lit-ry, 1953. 640 p. [Microfilm]  
(Chemistry, Analytic--Quantitative) (MLRA 7:12)

PAVLOVICH, Natal'ya Andronikovna; GRIVA, Z.I., red.; RULEVA, M.S., tekhn. red.

[Manual of analytical chemistry for medical schools] Uchebnik analiti-  
cheskoi khimii; dlia meditsinskikh uchilishch. Izd.3., ispr. 1 dop.  
Leningrad, Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961.  
211 p. (MIRA 14:7)

(Chemistry, Analytical)



POZIN, Maks Yefimovich. Prinimali uchastiye: ARSEN'YEVA, L. Z.; KAGANOVICH, Yu. Ya.; KLEBANOV, G. S.; KLEVKE, V. A.; KOPYLEV, B. A.; SOKOLOVSKIY, A. A.; MAKOVETSKIY, L. A., red.; GRIVA, Z. I., red.; ERLIKH, Ye. Ya., tekhn. red.

[Technology of mineral salts; fertilizers, pesticides, industrial salts, oxides and acids] Tekhnologiya mineral'nykh solei; udobrenii, pestitsidov, promyshlennykh solei, okislov i kislot. 2., izd. perer. i dop. pri uchastii: L. Z. Arsen'evoi i dr. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 1008 p. (MIRA 14:10)  
(Fertilizers and manures) (Salts)

SHIFRINA, Vitta Samsonovna; SAMOSATSKIY, Nikolay Nikolayevich; SHCHUTSKIY,  
S.V., red.; GRIVA, Z.I., red.; FOMKINA, T.A., tekhn. red.

[Polyethylene; production and uses] Polietilen; pererabotka i pri-  
menenie. Pod red. S.V.Shutskogo. Leningrad, Gos.nauchno-tekhn.izd-vo  
khim.lit-ry, 1961. 261 p. (MIRA 14:12)  
(Polyethylene)

VASSERMAN, Isaak Mikhaylovich; GRIVA, Z.I., red.; FOMKINA, T.A.,  
tekhn. red.

[Production of mineral salts]Proizvodstvo mineral'nykh soli.  
2. izd., perer. i dop. Leningrad, Goskhimizdat, 1962. 438 p.  
(MIRA 15:10)

(Salt industry)

SUSLENNIKOVA, V.M.; KISELEVA, Ye.K.; GRIVA, Z.I., red.; POMKINA, T.A.,  
takhn. red.

[Handbook on the preparation of titrated solutions] Rukovodstvo  
po prigotovleniiu titrovannykh rastvorov. Leningrad, Goskhim-  
izdat, 1962. 123 p. (MIRA 16:1)  
(Titration)

DUSHINA, Avgusta Petrovna; ALESKOVSKIY, Valentin Borisovich;  
GRIVA, Z.I., red.; FOMKINA, T.A., tekhn. red.

[Silica gel, an inorganic cation exchanger] Silikagel' -  
neorganicheskii kationit. Leningrad, Goskhimizdat,  
1963. 89 p. (MIRA 17:1)  
(Ion exchangers) (Silica)

ABRAMOVA, Zh.I., kand. med. nauk; GADASKINA, I.D., prof.; GOLUBEV, A.A., kand. med. nauk; DANISHEVSKIY, S.L., prof.; ZIL'BER, Yu.D., kand. med. nauk; LAZAREV, L.N., kand. khim. nauk; LEVINA, E.N., doktor med. nauk; LOYT, A.O.; LYUBLINA, Ye.I., doktor biol. nauk; LYKHINA, Ye.T., kand. biol. nauk; MINKINA, N.A., kand. med. nauk; RUSIN, V.Ya., kand. med. nauk; SALIYAMON, L.S., kand. med. nauk; SPERANSKIY, S.V., TRAKHTENBERG, I.M., dots.; FILOV, V.A., kand. biol. nauk; TSIRK, K.G., kand. med. nauk; CHEKUNOVA, M.P., kand. med. nauk; GRIVA, Z.I., red.; LAZAREV, N.V., zasl.deyat.nauki,prof., red.; LEVIN, S.S., tekhn. red.; BASINA, M.Z., tekhn. red.

[Toxic industrial substances; handbook for chemists, engineers and physicians] Vrednye veshchestva v promyshlennosti; spravochnik dlia khimikov, inzhenerov i vrachei. Izd.4., perer.i dop. Leningrad, Goskhimizdat. Pt.2.[Inorganic and metallo-organic compounds] Neorganicheskie i elementorganicheskie soedineniia. 1963. 619 p. (MIRA 17:2)

KOL'TSOV, S.I.; ALESKOVSKIY, V.B.; GRIVA, Z.I., red.

[Silica gel, its structure and chemical properties]  
Silikageľ', ego stroenie i khimicheskie svoistva. Lenin-  
grad, Goskhimizdat, 1963. 95 p. (MIRA 18:7)

KOZULIN, N.A., prof.; SHAPIRO, A.Ya.; GAVURINA, R.K.; GRIVA, Z.I.,  
red.; LEVIN, S.S., tekhn. red.; ERLIKH, Ye.Ya., tekhn.  
red.

[Equipment for the production and manufacture of plastic  
articles] Oborudovanie dlia proizvodstva i pererabotki  
plasticheskikh mass. Leningrad, Goskhimizdat, 1963. 792 p.  
(MIRA 17:1)



SUSLENNIKOVA, Vera Mikhaylovna; ELISELEVA, Yelena Konstantinovna;  
GRIVA, Z.I., red.

~~Top Secret - Restricted~~

[Manual on the preparation of titration solutions] Rukovodstvo po prirotoavlenniu titrovannykh rastvorov. 2. izd. perer. i dop. Moskva, Izd-vo "Khimiia," 1964. 146 p.  
(NIRA 17:7)

LEPETOV, Vasilii Aleksandrovich; ESMAN, P.I., red.; GRIVA, Z.I.,  
red.

[Engineering rubber goods] Rezinovye tekhnicheskie izde-  
liia. Izd.2., perer. i dop. Moskva, Khimiia, 1965. 471 p.  
(MIRA 18:c)

SUSLENNIKOVA, Vera Mikhaylovna; KISELEVA, Yelena Konstantinovna;  
GRIVA, Z.I., red.

[Manual on the preparation of titrated solutions] Rukovodstvo  
po prigotovleniiu titrovannykh rastvorov. Moskva, Khimiia,  
1965. 143 p. (MIRA 18:12)

GRIVAKOV, A.G.; GLEICHEN, V.A.

Analyses from the pyroclastic-sedimentary rocks of Kibalach Mountain (Crimea). Dokl. AN UkrSR 163 no.4:956-958 Ag '86.

(MIRA 18:3)

1. Institut mineral'nykh resursov AN UkrSR, Simferopol'. Submitted April 17, 1986.

GRIVAL'D, I. M.

"Test of Combined Therapy of Hypertonic Disease," Sov. Med., No.5, 1948

Hosp. Therapeutic Clinic, Gor'kiy Med. Inst.

GRIVANOV, K. P.

"On the Work (of VIZRA) at Collective and Soviet Farm Laboratories," Itogi Nauchno-Issledovatel'skikh Rabot Vsesoiuznogo Instituta Zashchity Rastenii za 1935 Goda. 1936.  
pp. 557-558. 423.92 L56I

SO: SIRA SI 90-53; 15 Dec 1953

15

Importance of the wheat thrips - *Haplothrips tritici*  
 Kurd. K. P. 1911. *Southern Russian Wheat*  
 U. S. S. R. 1911. *Southern Russian Wheat*  
*Journal 27A, 551, 1911*. Analysis showed that heavily  
 infested wheat still contained 28% gluten and was  
 suitable for baking. Data are given on the degree of  
 infestation of the grain and the resultant effect on grain  
 weight.

ASH 55A DETAILING LITERATURE CLASSIFICATION

50/

Effect of the injuries caused by *Asiaticus integriceps*  
Put on the baking properties of wheat. A. I. Mironov  
and K. P. Givanyan. *Sovetskoe Zerno* (Leningrad), 1959,  
S. No. 10, 1959, 91 in Russian. Referred to as  
27A, 51.5-1959. Analysis showed no gluten in wheat  
flour prepd. from grains of which 25% had been damaged  
by this pest, and loaves baked from this flour did  
not rise and were not sufficiently porous. The life history  
of the pest is given and bio-control methods suggested.  
Lit. of 1. See ch.

AND THE DETAIL OF THE LITERATURE CLASSIFICATION



SECRET, S. I.

The extermination of persons harmful to personnel processes  
all. Nos. 1 a 1-10 11 1 1 p.

GRIVANOV, K.P.

USSR/General and Special Zoology. Insects. Injurious In- P  
sects and Ticks. Pests of Cereal Crops.

Abs Jour : Pef Zhur - Biol., No 11, 1956, No 49561

Author : Grivanov K.P.

Inst :

Title : The Protection of Grain Crops against the Bug,  
Eurygaster in the Southeast

Orig Pub : Zashchita rast. ot vredit. i boleznay, 1957, No 2,  
23-26

Abstract : High agricultural engineering (the conservation  
of moisture in the soil, destruction of weeds,  
elaborate treatment of the field, prior to plant-  
ing of spring wheat in early and brief periods)  
has only a secondary significance in protecting  
grain crops against the Eurygasters. A rapid  
destruction of the bugs in the first days of their  
flight from wintering places is achieved by

Card : 1/3

USSR/General and Special Zoology. Insects. Injurious In- P  
sects and Ticks. Pests of Cereal Crops

Abs Jour : Raf Zhur - Biol., No 11, 1958, No 49561

Vophatox.\* The bugs perish on the same or the next day when the young crops are dusted with Vophatox. The bait shelters made of straw and foliage (3 to 4 thousand clusters per 1 ha.) and poisoned with Vophatox are especially effective. When the Eurygaster are small in number, it is possible to treat them with a DDT dusting during the mass egg-laying. The development of the Eurygaster is impaired when a divided harvesting of the grain crops is effected. When rye is harvested in the waxy mature phase, more than 90% of the bugs of the new generation are in the 4th and 5th stages of larval development, and will be destroyed in the rapid threshing. There are no less than 25-30% of larvae when the summer wheat is in the phase of waxy ripeness, and the winged bugs have not yet completed their development.

Card : 2/3

USSR/Genet: Land Special Zoology. Insects. Injurious In- P  
sects and Ticks. Pests of Cereal Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49561

-- A.P. Adrianov

\*Also called Metaphos. Chemically it is O,O-dimethyl-O-4-nitrophenylthiophosphate (dimethylpara-nitrophenylthiophosphate)  $(CH_3O)_2 P(OC_6H_4NO_2)_2$

Card : 3/3

GRIVANOV, K.P., kand. sel'skokhozyaystvennykh nauk

Zonal system for the Southeast. Zashch. rast. ot vred. i bol. 4  
no. 1:24-27 Ja-F '59. (MIRA 12:2)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva  
Yugo-Vostoka, Saratov.  
(Volga Valley--Plants, Protection of)

GRIVANOV, K.P.

Control of grain beetles (Coleoptera, Scarabaeidae) under conditions of row crop farming as exemplified in the Volga Valley. Ent. oboz. 41 no.2:249-261 '62. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva Yugo-Vostoka, Saratov.

(Volga Valley—Scarabaeidae)

(Volga Valley—Grain—Diseases and pests)

GRIVANOV, K.P., kand. sel'skokhoz. nauk

Beetles of the genus *Anisoplia*. Zashch. rast. ot vred. 1  
bol. 8 no.3:32-34 Mr '63. (MIRA 17:1)

1. Institut sel'skogo khozyaystva Yugo-Vostoka, Saratov.

Grivda, S.

RUMANIA/Pharmacology and Toxicology - Narcotics

V.

Abs Jour : Ref Zhur - Biol., No 2, 1959, 8986

Author : Burghiele, Th., Grivda, S., Leibovici, L.

Inst : -

Title : Gerontal Surgery, Clinical and Statistical Data.  
Problems of Anesthesia

Orig Pub : Chirurgia, 1957, 6, No 6, 803-817

Abstract : No abstract.

Card 1/1



GRIVKOV, I.

"Practical results of applying new methods in the production of sprouts in the forest nursery in Pazardzhik," p 320, (GORSKO STOIANSTVO, Vol 2, #7, Sept 1952, Bulgaria

East European Vol 2 #8  
SO: Monthly List of ~~RUSSIAN~~ Accessions, Library of Congress, August 1953, Uncl.

GRIVKOV, I.

"Using a Hand-sowing Machine for Forests." p.76  
(GORSKO STOPANSTVO Vol. 9, no. 2, Feb. 1953 Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 9,  
Oct. 1953, Unc.

GRIVKOV, I.

"Afforestation in the Pazardzhik Forest." p.77  
(GORSKO STOPANSTVO Vol. 9, no. 2, Feb. 1953 Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 9,  
Oct. 1953, Uncl.

GRIVEZIRSKAYA, Ye. H. (Balkhash Copper Works)

"Mekhanobr recommendations for that works"

report presented at the 4th Scientific and Technical Session of the Mekhanobr  
Inst, Leningrad, 15-18 July 1958

SMIRNOV, Sergey Mikhaylovich, kand. tekhn. nauk, dots.; GALVIN, Vladislav Vol'demarovich; YELIN, Al'bert Vasil'yevich; KOCHEROV, Anatoliy Vasil'yevich. Prinimali uchastiye: TSAREVA, T.I.; EYGENBROT, V.M.; YEROFEYEV, A.V., kand. tekhn. nauk dots., retsenzent; SAKHAROV, Ye.V., st. prepod., retsenzent; MINAYEVA, I.M., red.; FYATNITSKIY, V.N., tekhn. red.

{Laboratory work on the course "Principles of automatic control and the automation of production processes."} Laboratornyi praktikum po kursu "Osnovy avtomatiki i avtomatizatsii proizvodstvennykh protsessov." [by] S.S. Smirnov i dr. Moskva, Gizlegprom, 1963. 322p. (MIRA 17:3)

USSR / Human and Animal Physiology. Carbohydrate Metabolism.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 69851

Author : Lazarev, G. I.; Firsunkova, S. Ya., Postilyakova, R. I.;  
Grivina, V. V.

Inst : Kostromsk Agricultural Institute

Title : Conditioned Reflex Influence on the Blood Sugar Level and  
on the Formed Elements of the Blood

Orig Pub : Tr. Kostromsk. s.-kh. in-ta, 1957, No 1, 117-121

Abstract : No abstract given

Card 1/1

25253

S/177/00/000/007/008/011  
D264/D304

27.1220

AUTHORS:

Grivkov, G.A., Colonel, Medical Corps, Veksler,  
Ya.I., Candidate of Medical Sciences, Lieutenant  
Colonel, Medical Corps, and Sheyngerts, A.R.,  
Candidate of Medical Sciences, Lieutenant Colonel,  
Medical Corps

TITLE:

The features of the course of certain ailments of  
the internal organs against a background of radia-  
tion afflictions

PERIODICAL:

Voyenno-meditsinskiy zhurnal, no. 7, 1960, 45-51

TEXT: In view of the absence of published information on changes  
in the clinical course of internal diseases as a result of radia-  
tion ailments, the authors studied the course of certain diseases  
against a background of radiation sickness. The present article  
deals with the results of a study of experimental exudative pleuri-  
tis and myocarditis complicated by acute radiation sickness. Data  
on experimental pneumonia complicated by radiation sickness can be

X

Card 1/3

25253

S/177/60/000/007/008/011  
D264/D304

The features of the course...

found in Voyenno-meditsinskiy zhurnal, no. 7, 1956. Assisted by M.S. Lipovetskiy, the authors studied exudative pleuritis in rabbits: a) without radiation sickness, b) with radiation sickness but without pleuritis, c) with pleuritis evoked immediately after irradiation and d) 7 days after irradiation. The total radiation dose was 502 r. It was found that exudative pleuritis complicated by radiation sickness had a number of features peculiar only to the combined ailment: marked and rapid development of anemia; stormy course of pleuritis of a definite hemorrhagic nature; the formation of extensive blood clots in the pleural cavity; considerable retardation of exudate resorption; complication by pneumonia; high mortality. The disease was most severe cases where pleuritis was evoked at the height of radiation sickness. The experimental myocarditis tests were conducted in a similar manner with the assistance of D.P. Korzan and V.P. Palamarchuk. The course of myocarditis in the irradiated animals (as compared with the intact rabbits) was much more severe, often with progressive leukopenia (usually accompanied by lymphopenia) and a high mortality rate (11 out of 17 animals). The myocardium seemed to be affected earlier and more deeply than in

Card 2/3



The features of the course...

25253

S/177/60/000/007/008/011  
D264/D304

the intact animals. The results show that radiation gives pleuritis and myocarditis features that are not typical of the pathological process in non-irradiated animals. There are 2 tables.

SUBMITTED: February, 1960

Card 3/3

ZHEVANDROV, N.D.; GRIVKOV, V.I.; KHAN-MAGGIETONA, I.D.

Effect of the birefringence of exciting light on the polarization of luminescence in molecular crystals. Opt. i spektr.  
11 no.5:629-635 N '61. (MIRA 14:10)  
(Crystals--Optical properties)

ZAYTSEV, V.A.; GRIVKOVA, A.I.; PCHELINTSEVA, G.M., red.; VLASOVA, N.A.,  
tekhn. red.

[Cs<sup>137</sup>, a radioactive isotope of cesium] Radioaktivnyi izotop  
tsezija - Cs<sup>137</sup>. Moskva, Gos.izd-vo lit-ry v oblasti atomnoi  
nauki i tekhniki, 1961. 28 p. (MIRA 14:12)  
(Cesium—Isotopes)

137hi

S/089/61/010/006/006/011  
B156/B201

26.2541

AUTHOR: Glazunov, M. P., Grivkova, A. I., Zaytsev, B. A., and  
Kiselev, V. A.

TITLE: Half-life of Cs<sup>137</sup>

PERIODICAL: Atomnaya energiya, v. 10, no. 6, 1961, 622 - 623

TEXT: The isotope Cs<sup>137</sup> is widely used as gamma source in medicine and technology owing to its convenient half-life, its simple decay scheme, and its high yield. In spite of numerous studies, the half-life has been so far determined only within the range of 26.6 - 37 years. D. Wiles, R. Tomlinson (Ref. 7: Phys. Rev., 99, 188 (1955)), and F. Brown, G. Hall, A. Walter, J. Inorg. and Nucl. Chem., 1, 241 (1955)) have determined the decay rate of a given amount of Cs<sup>137</sup>; the same method has been applied here using an MC-4 (MS-4) mass spectrometer for determining the Cs<sup>137</sup> amount and a gas flowmeter for the measurement of the activity. The Cs<sup>137</sup> preparation was separated from uranium fission products by the ferrocyanide method, and was pure to the extent that only 0.01% of the total gamma

Card 1/3

Half-life of  $\text{Cs}^{137}$

23741  
S/089/61/010/006/006/011  
B'36/B201

activity was due to impurities. The stock solution of cesium chloride was diluted with 0.01% potassium chloride solution to prevent cesium adsorption on the walls of the polyethylene container. The specific activity was then determined by a flowmeter. When determining the absolute activity corrections were taken into account for the absorption in the base, the electron scattering loss, the conversion electrons of  $\text{Ba}^{137\text{m}}$ , and the presence of  $\text{Cs}^{134}$ . Due to beta decay,  $\text{Cs}^{137}$  passes over to  $\text{Ba}^{137\text{m}}$  by 92% (excited state) and to  $\text{Ba}^{137\text{m}}$  by 8% (ground state). The excited state has a lifetime of 2.6 min. The correction of the final result due to the conversion electrons of  $\text{Ba}^{137\text{m}}$  is considerable. The value 11.4% was chosen from the total conversion coefficients (9.8 - 11.8%) given in the literature. The mass-spectroscopic analysis yielded  $49.36 \pm 0.09\%$   $\text{Cs}^{133}$ ,  $0.07 \pm 0.01\%$   $\text{Cs}^{134}$ ,  $14.01 \pm 0.07\%$   $\text{Cs}^{135}$  and  $36.56 \pm 0.08\%$   $\text{Cs}^{137}$ . The absolute concentration of the isotopes was determined by the method of isotopic dilution. The number of Cs atoms per ml of solution was  $N = 951.10^{15} \pm 1.5\%$ , the half-life was found to be  $T = 29 \pm 1$  years by way of the decay constant from the known concentration and activity in the

Card 2/3

Half-life of Cs<sup>137</sup>

23741  
S/0A9/61/010/006/006/011  
B136 'B201

stock solution. V. N. Komarov is thanked for having participated in the mass-spectroscopic measurements. There are 1 table, and 11 references; 1 Soviet-bloc and 10 non-Soviet-bloc. The most important reference to English-language publications reads as follows: D. Strominger, Y. Hollander, G. Seaborg, Rev. Mod. Phys., 30, no. 2 (1958). "Table of Isotopes".

SUBMITTED: January 9, 1961

X

Card 3/3

29538

S/089/61/011/005/003/017

B102/B101

26.2541

AUTHORS: Zaytsev, B. A., Grivkova, A. I., Glazunov, M. P.

TITLE: Use of ion-exchanging materials for production of low-activity radiation sources

PERIODICAL: Atomnaya energiya, v. 11, no. 5, 1961, 431 - 434

TEXT: The production of weak radiation sources based on the sorption of radioisotopes by organic ion-exchangers is described. Granulated sulfo-phenol formaldehyde cationite **KY-1P** (KU-1G) from the Institut plastmass (Plastics Institute) (NIIPM), as well as ion-exchanging membranes of the type **ДПУ** (DPU) and **МК-2** (MK-2) films from the NIIPM were used for the experiments. As gamma emitter,  $\text{Cs}^{137}$  (as CsCl) having a half-life of 29 years was chosen. The CsCl preparation used contained RbCl, NaCl, and KCl up to 50%, and had an activity of 13 curies/g. It did not contain more than 0.1% active impurities. Sorption took place from 0.15 N CsCl solutions. The cationites yielded, due to their properties, the following results. KU-1G: Two different forms were used, an H-form (I) in a neutral medium, and a Na-form (II), in a 0.032 N NaOH solution. KU-1G

Card 1/3

29538  
S/089/61/G11/005/003/017  
R102/R101

Use of ion-exchanging materials...

was used in granular form (small balls of 0.25 to 1.50 mm in diameter) and had a specific weight of  $1.33 \text{ g/cm}^3$ , a volume capacity of 2.4 mg-equ/g (I) and 3.6 mg-equ/g (II), and a specific activity of 4.1 g-equ Ra/g = 9.8 curies/g (I) and 6.3 g-equ Ra/g = 15.1 curies/g (II). DPU was membrane-shaped with a density of  $67.8 \text{ mg/cm}^2$ , a capacity of  $0.125 \text{ mg-equ/cm}^2$ , and a specific activity of  $0.215 \text{ g-equ Ra/cm}^2$  = 0.516 curies/cm<sup>2</sup>. The MK-2 films had a density of  $3.8 \text{ mg/cm}^2$ , a capacity of  $0.006 \text{ mg-equ/cm}^2$ , and a specific activity of  $0.011 \text{ g-equ Ra/cm}^2$  = 0.026 curies/cm<sup>2</sup>. For the KU-1G granulae of diameters between 0.25 and 1.50 mm, the activity varied between 0.163 and 35.64 mcuries Cs<sup>137</sup>. By size and number of granulae, activity and purpose of the radiation sources could be varied. Single balls 1-3 mm in diameter served as point sources. Since the activated ion exchangers were tightly enclosed in ampuls, special experiments had to be made to determine the amount of gas produced due to radiation absorption within the ampuls. Part of the experiments were made on the accelerator of the Institut fizicheskoy khimii Akademii nauk SSSR (Institute of Physical Chemistry of the Academy of Sciences USSR). It was found that gas production grew linearly with the absorbed dose, and for KU-1G it was  $0.04 \text{ mm}^3/\text{day}$  or 2.9% of the cationite

Card 2/3



29538

S/089/61/011/005/003/017

B102/B101

Use of ion-exchanging materials...

volume. Previous heating of the cationite for several hours reduced the gas production below the dangerous rate. If the specific activation of the enclosed preparations are above 0.5 g-equ Ra/g (1.2 curies/g), a few mg of metallic palladium should be added. There are 3 figures, 3 tables, and 15 references: 9 Soviet and 6 non-Soviet. The four most recent references to English-language publications read as follows: C. Blincoe, Nucleonics, 14, No. 8, 82 (1956); E. Mincher, R. Lichtenstein, Nucl. Scient. Abstr., 10, No. 17, 7235 (1956); W. Ginell, J. Martin, L. Hatch, Nucleonics, 12, 14 (1954); A. Johnson, A. Blum, Appl. Rad. and Isotopes, 1, No. 4, 327 (1960).

SUBMITTED: January 30, 1961

Card 3/3

CZECHOSLOVAKIA/Electricity - Semiconductors

G-3

Abs Jour : Ref Zhur - Fizika, No 12, 1958, No 27811

Author : ~~Griynak L'uboslav~~  
Inst : Kozensky University, Bratislava, Czechoslovakia  
Title : The Mean Free Path and Mobility of Electrons in Ionic Crystals.

Orig Pub : Chokhosl. fiz. zh., 1958, 8, No 1, 57-65

Abstract : The author considers a conduction electron interacting with longitudinal phonons in an ionic crystal. The term that describes the introduction in the Hamiltonian of the system comprising the electrons and the phonons is considered to be a time-independent perturbation, which causes the transition from the stationary state of the unperturbed system into another state. A formula is obtained for the probability of such a transition, and also a formula for the probability of the change in the momentum of the electron owing to interaction with the phonon. The reciprocal of this probability,  $\tau$ , has the meaning of the average time

Card : 1/2

CZECHOSLOVAKIA/Electricity - Semiconductors

G-3

Abs Jour : Ref Zhur - Fizika, No 12, 1958, No 27811

between two consecutive collisions of the electron with the phonon. The value of  $1/\tau$  has been calculated and the relation is obtained for the mean free path, which when  $E \ll \hbar\omega$  goes into a formula that is close to the Frohlich and Mott formula (Frohlich H., Mott N.F., Proceedings Royal Society, 1939, A171, 496). A formula is also derived for the carrier mobility. This formula is compared with experimental data on the temperature dependence of hole mobility in  $\text{Cu}_2\text{O}$ .

Card : 2/2

ORIVNIN, V. S.

Dissertation defended for the degree of Candidate of Philological Sciences at the  
Institute of the Peoples of Asia

"The Japanese Printed Book of the VIII-First Half of the XIX Century and Its Role in  
the Rise of Culture and Literature."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

GUJIN, V. A.

Dissertation: "Ion Exchange Purification of Glucose Syrups and Its Effect on the Yield, Quality, and Rate of Crystallization of Hydrate Glucose." Inst. Tech. Sci., Kiev Technological Inst. of the Food Industry (Inst. A. I. Pikoyan, 13 Apr 64. (Kiev, Ukraine, Kiev, 4 Apr 64)

SC: 100 443, 19 Oct 1954

GRIVTSEVA, E.A.; GOLOVIN, P.V.

Two methods of purifying molasses sirups with ion-exchanging substances. Izv.vys.ucheb.zav.; pishch.tekh. no.5:100-104 '58. (MIRA 11:12)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti, kafedra tekhnologii sakharistyykh veshchestv, i Institut organicheskoy khimii AN USSR, laboratoriya khimii uglevodov.  
(Molasses) (Ion exchange)

GOLOVIN, P.V.; GRIVTSEVA, E.A.

Hydrolysis of corn starch in the presence of an acid and "Epatit-1"  
cationite. Trudy KTIPP no.19:9-13 '58. (MIRA 12:12)  
(Ion exchange) (Corn starch)

GRIVTSEVA, E.A.

Use of camphor for the determination of saccharose (from "The  
International Sugar Journal," no.728, 1959). Sakh.prom.  
34 no.9:73-74 S '60. (MIRA 13:9)  
(Camphor) (Sucrose)



GRIVTSEVA, E.A.

Washing tricalcium sucate. Sakh.prom. 35 no.7:20-23 J1 '61.  
(MIRA 14:7)

1. Kiyevskiy tekhnologicheskii institut pishchevoy promyshlennosti  
imeni Mikoyana.

(Sucrose)

LITVAK, I.M.; ~~GRIVTSEVA, E.A.~~

Glutamic acid content in feed molasses of the Ukrainian beet  
sugar factories. Trudy KTIPP no.24:30-33 '61. (MIRA 15:6)  
(Ukraine--Molasses) (Glutamic acid)

GRIVTSEVA, E.A.

Use of camphor for determining sucrose content. Trudy XIIPP  
nq.24:34-37 '61. (MIRA 15:6)  
(Feed water--Testing) (Sugar industry)

LITVAK, I.M.; GRIVTSEVA, E.A.

Glutamic acid in the feed molasses of sugar refineries of the  
Ukrainian S.S.R. Trudy KTIP: no.25:6-9 '62. (MIRA 16:5)  
(Ukraine--Molasses) (Glutamic acid)

GRIVTSEVA, E.A.

Mineral substances in molasses from Ukrainian sugar refineries.  
Trudy KTIPP no.25:20-27 '62. (MIRA 16:5)  
(Ukraine—Molasses—Analysis)

GOLOVIN, P.V.; GRIVTSEVA, E.A.

Rapid method for determining the chromaticity of granulated  
sugar. Trudy KTIPP no.27:42-46 '63. (MIRA 17:5)

ORIVTALVA, E. G., SUKHOMLIN, E. .

Determination of potassium and sodium in molasses. Truly  
KTIPP no. 27:55-60 '63. (MRA 17:5)

LITVAK, I.M.; GRIVTSEVA, E.A.

Nitrogenous substances in the molasses from Ukrainian sugar  
factories. Sakh.prom. 37 no.2:25(105)-29(109) F '63. (MIRA 16:5)

1. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti  
imeni Mikoyana.

(Ukraine--Molasses) (Nitrogen compounds)



BARABANOV, M.I.; GRIVTSEVA, E.A.

More about the use of sugar beet molasses as raw material for the  
production of glutamic acid. Sakh. prom. 37 no.3:26-27 Mr  
'63. (MIRA 16:4)

1. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti  
im. Mikoyana.

(Glutamic acid) (Molasses)

GRIVTSEVA, E.A.

Alkaline ash content of molasses. Sakh.prom. 38 no.2:41-43 F '64.  
(MIRA 17:3)

1. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti  
imeni Mikoyana.

BOZALI, V.G.; KRASNICHENKO, V.I.; RYKOVA, L.A.; ...  
LITVAK, L.M.; ...

Changes in the composition of nitrogen oxides ...  
dependent on the duration of sugar ...  
Trudy UkrNIISF no.9:14-20 1964.

(1964 17:00)

1. Ukrainskiy nauchno-issledovatel'skiy institut ...  
likero-vodochnoy promyshlennosti (For ...  
Borisova, Rubchenko). 2. Zhyvetskiy ...  
plshchevoy promyshlennosti im. Mikha ...  
Slesareva).

GRIVTSEVA, Ye.A. [Hryvtseva, E.A.]

Betaine in the feed molasses produced by the sugar factories of  
the Ukraine. S.S.R. Khar.prom. no.1:68-70 Ja-Mr '62.

(MIRA 15:8)

1. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti.  
(Ukraine--Molasses as feeding stuff) (Betaine)

GRIVTSOVA, G.I.

Cobalt, copper, and zinc content of feeds in the Shuya area  
of a section of the Zaitsev State Farm. Uch.zap.Petrozav.  
gos.un. 11 no.4:57-61 '63.

(MIRA 19:1)

1. Kafedra zootekhniki Petrozavodskogo gosudarstvennogo  
universiteta.

GRIVTSOVA, G.I.; TOYEKA, M.A., dotsent

Cobalt, copper, and zinc content of feeds and soils in the Shuya region on a section of the Zaitsev State Farm. Uch. zap. Petrozav. gos. un. 12 no.3:28-31 '64.

(MIRA 19:1)

1. Kafedra zootekhniki i neorganicheskoy khimii Petrozavodskogo gosudarstvennogo universiteta imeni O.V. Kuusinen.

HARY, M., dr.; GRIVU, O., dr.

Considerations on dental impaction. Stomatologia (Bucur) 12  
no.1:49-53 Ja-F'65.

1. Lucrare efectuata in Clinica de chirurgie maxilo-faciala  
a I.M., Timisoara (Seful clinicii: prof. N. Dutescu).





GRIYO, E.; HANSI-GRIYO, M.

Fluorescence of pure cadmium sulfide at low temperatures. Izv.  
AN SSSR.Ser.fiz. 22 no.11:1356-1364 N '58. (MIRA 11:12)  
(Fluorescence) (Cadmium sulfide)

BANSI-ORIYO, M.; GROSS, Ye.F.; ORIYO, E.; RAZBIRIN, B.S.

Effect of the temperature on two series of bands in the green  
fluorescence spectrum of pure cadmium sulfate at low temperature.  
Opt.1 spektr. 9 no.4:542-544 O '60. (MIRA 13:11)  
(Cadmium sulfate—Spectra)

KUCHINSKIY, V. N.; GRIZ, V. Ye.

Preparation of 4,4'-diaminodicyclohexylmethane. Neftekhimiya 2  
no.4:624-631 J1-Ag '62. (MIRA 15:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

(Methane)

L 22653-65 EWT(m)/EPF(c)/ZWP(j)/T Pc-4/Pr-4 RM/MLK

ACCESSION NR: AT5002133

S/0000/64/000/000/0226/0228

AUTHOR: Kuchinskiy, V. N.; Griz, V. Ye.

TITLE: Synthesis of 4,4'-diaminodicyclohexylmethane

SOURCE: AN SSSR. Institut neftekhimicheskogo sinteza. Sintez i svoystva monomerov (The synthesis and properties of monomers). Moscow, Izd-vo Nauka, 1964, 226-228

TOPIC TAGS: cyclohexane derivative, aminocyclohexylmethane synthesis, aminodiphenylmethane synthesis, catalytic hydrogenation

ABSTRACT: The synthesis of 4,4'-diaminodicyclohexylmethane was studied to establish the optimal reaction conditions, and the product was used for curing of epoxy resins and for the synthesis of polyamides. Synthesis of 4,4'-diaminodicyclohexylmethane requires two steps, i.e., reaction of aniline hydrochloride with formaldehyde to give 4,4'-diaminodiphenylmethane and the hydrogenation of the latter. Maximum yields of 77.5 wt. % diaminodiphenylmethane were obtained at 3:1 aniline-formaldehyde ratios, 90 C and a 9% concentration of hydrochloric acid. Optimal conditions for hydrogenation in stirred autoclaves with suspended cobalt catalysts were 2250-235 C and 200-300 atm. The maximum yield was 75 wt. %, and two unspecified cobalt catalysts were selected. The product was tested at the Okhtinskiy Khimkombinat (Okhtinsk Chemical Plant) and at GIPRONEFTEMASH,

Card 1/2

L 22653-65

ACCESSION NR: AT5002133

5  
with excellent results as a curing agent for epoxy resins. M. A. Sokolovskiy and P. M. Zavlin prepared new types of polyamides from 4,4'-diaminodicyclohexylmethane, which were shown to have good thermal stability/resistance to alcoholic solutions, to be workable at low temperatures, and to give transparent films. The polyamides were tested at VNIPIK and at GIPRONEFTEMASH. Orig. art. has: 1 figure and 1 formula.

ASSOCIATION: None

SUBMITTED: 30Jul64

NO REF SOV: 007

ENCL: 00

OTHER: 019

SUB CODE: OC, MT

Cord

2/2

SARZHEVSKAYA, V.P.; KORNEV, K.A.; SMIRNOVA-ZAMKOVA, S.Ye.; LEVIN, S.G.;  
KUCHINSKIY, V.N.; GRIZ, V.Ye.

Polyamides with aromatic and heterocyclic links in the chain.  
Part 5: Polyamides based on bis-(4-aminocyclohexyl) methane  
and some heterocyclic dicarboxylic acids. Ukr. khim. zhur. 30  
no.1:83-86 '64. (MIRA 17:6)

1. Institut khimii polimerov i monomerov AN UkrSSR i Vsesoyuznyy  
institut neftekhimicheskikh protsessov.

SAN'KO, L.Ya.; GRIZAK, Yu.S.

New types of grate coolers. TSement 29 no.1:12-13 Ja-F 63.  
(MIRA 16:2)

1. Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii  
i mashinostroyeniyu.

(Cement plants—Equipment and supplies)

GOLUBOVICH, S.R.; FINK, L.Yo.; TUMAKIN, P.I., inzh.; SHTEYNBERG, A.S., inzh.; GRIZAK, Yu.S., inzh., retsenzent; OTDEL'NOV, P.V., inzh., red.izd-va; TIKHANOV, A.Ya., tekhn. red.

[New equipment for manufacturing building materials] Novoe oborudovanie dlia proizvodstva stroitel'nykh materialov; spravochnoe posobie. Moskva, Mashgiz, 1963. 247 p.  
(MIR 17:1)



GRIZAK, Yu.S., inzh.

Automation in the asbestos cement industry. Stroi. nat.  
10 no.5:12-13 My '64. (MIRA 17:9)

GAIZAK, Yu.S., inzh.; SAN'KO, I.Ya., inzh.

Automation of production processes at cement plants. Mekh. i  
avtom. proizv. 17 no.4:16-19 Ap '63. (MIA 1719)

BORONIKHIN, Anatoliy Sergeyevich; GRIZAK, Yuriy Semyonovich;  
LAPIN, F.A., kand. tekhn. nauk, nauchn. red.

[Fundamentals of the automation of production processes and checking and measuring instruments used in the enterprises of the building materials industry] Osnovy avtomatizatsii proizvodstva i kontrol'no-izmeritel'nye pribory na predpriyatiyakh promyshlennosti stroitel'nykh materialov. Moskva, Stroiizdat, 1964. 374 p.  
(MIRA 18:2)

GRIZATULLIN, Kh. G.

GRIZATULLIN, Kh. G.: Prophylaxis and the measures for eradicating contagious diseases of agricultural animals (with a scheme of measures). Third revised and supplemented edition. Kazan. Tatar State Publication House. 1952. 96 pages with illustrations. Price 1 ruble, 70 kopeks. 2,079 copies.

SO: Veterinariya; 30; (1); January 1953; Uncl. TABCON